

| Drilling disturb. | Color                       | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                            | Logged by:<br>MASU | Date:<br>10/Jan/2012 |
|-------------------|-----------------------------|------------|------|------------------------|----------|---------|-------------------------------------|--------------------|----------------------|
|                   |                             | Avg.       | Max. |                        |          |         |                                     |                    |                      |
| -0--              |                             |            |      |                        |          |         | ① mud                               |                    |                      |
| -10--             |                             |            |      |                        |          |         | Black specks throughout the section |                    |                      |
| -20--             |                             | clay       | f.s. |                        | 3        |         |                                     |                    |                      |
| -30--             | 10Y 5/1                     |            |      |                        |          |         |                                     |                    |                      |
| -40--             |                             |            |      |                        |          |         |                                     |                    |                      |
| -50--             |                             |            |      |                        |          |         |                                     |                    |                      |
| -60--             |                             |            |      |                        |          |         |                                     |                    |                      |
| -70--             |                             |            |      |                        |          |         |                                     |                    |                      |
| -80--             | 10Y 5/1<br>↓<br>more light. |            |      |                        |          |         |                                     |                    |                      |
| -90--             |                             |            |      |                        |          |         |                                     |                    |                      |
| -100--            |                             |            |      |                        |          |         |                                     |                    |                      |
| -110--            |                             |            |      |                        |          |         |                                     |                    |                      |
| -120--            |                             |            |      |                        |          |         |                                     |                    |                      |
| -130--            |                             |            |      |                        |          |         |                                     |                    |                      |
| -140--            |                             |            |      |                        |          |         |                                     |                    |                      |
| -150--            |                             |            |      |                        |          |         |                                     |                    |                      |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

|           | Drilling disturb. | Color   | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                            | Logged by: | Date:        |
|-----------|-------------------|---------|------------|------|------------------------|----------|---------|-------------------------------------|------------|--------------|
|           |                   |         | Avg.       | Max. |                        |          |         |                                     |            |              |
| -- 0 --   |                   |         |            |      |                        |          |         |                                     | mas        | 10 Jan. 2012 |
| -- 10 --  |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 20 --  |                   |         |            |      |                        | 3        |         |                                     |            |              |
| -- 30 --  |                   | 10Y 5/1 |            |      |                        |          |         |                                     |            |              |
| -- 40 --  |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 50 --  |                   |         | clay       | site |                        |          |         | ⊙ MUD                               |            |              |
| -- 60 --  |                   |         |            |      |                        |          |         | Black specks throughout the section |            |              |
| -- 70 --  |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 80 --  |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 90 --  |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 100 -- |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 110 -- |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 120 -- |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 130 -- |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 140 -- |                   |         |            |      |                        |          |         |                                     |            |              |
| -- 150 -- |                   | 10Y 4/1 |            |      |                        |          |         |                                     |            |              |

Biscuit

↑  
transition  
↓

- 84 scaphopod fragment

sample macro-fossil  
- 111 bivalve

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

| Drilling disturb. | Color   | Grain-size |      | Sed. struct. / contact  | Bioturb. | Samples | Comments   | Logged by:<br>MASU | Date:<br>10/Jan./2012 |
|-------------------|---------|------------|------|-------------------------|----------|---------|--|--------------------|-----------------------|
|                   |         | Avg.       | Max. |                         |          |         |  |                    |                       |
|                   | 10Y 5/1 |            |      |                         |          |         | ↓ MUD<br>0-3 cm shell fragments & small<br>site-filled burrow (large-sized)<br>L > 3cm<br><br>Black speck throughout the section |                    |                       |
|                   | 10Y 4/1 |            |      |                         |          |         |  |                    |                       |
|                   |         |            |      | (obvious) color contact |          |         |  |                    |                       |
|                   | 10Y 5/1 | clay       | f.s  |                         |          |         | MUD<br><br>pyritized burrow $\phi$ 1.5cm   |                    |                       |

↑ transition ↓

3

Discrete

10Y  
MI

|           | Drilling disturb. | Color   | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                               | Logged by: | Date:         |
|-----------|-------------------|---------|------------|------|------------------------|----------|---------|--|------------|---------------|
|           |                   |         | Avg.       | Max. |                        |          |         |  |            |               |
| -- 0 --   |                   |         |            |      |                        |          |         |  | masm       | 10 Jan / 2012 |
| -- 10 --  |                   |         |            |      |                        |          |         | ⊕ MUD                                  |            |               |
| -- 20 --  |                   |         | clay       | f.s. |                        | 3.       |         | Black specks throughout the section    |            |               |
| -- 30 --  |                   | 10Y 5/1 |            |      |                        |          |         |  |            |               |
| -- 40 --  |                   |         |            |      |                        |          |         |  |            |               |
| -- 50 --  |                   |         |            |      |                        |          |         |  |            |               |
| -- 60 --  |                   |         |            |      |                        |          |         |  |            |               |
| -- 70 --  | Piscent           |         |            |      |                        |          |         |  |            |               |
| -- 80 --  |                   |         |            |      |                        |          |         |  |            |               |
| -- 90 --  |                   |         |            |      |                        |          |         | small shell fragments (rare)           |            |               |
| -- 100 -- |                   |         |            |      |                        |          |         |  |            |               |
| -- 110 -- |                   |         |            |      |                        |          |         | - 109 pyritized - burrow $\phi$ 1.5 cm |            |               |
| -- 120 -- |                   |         |            |      |                        |          |         | - 116 pyritized - burrow $\phi$ 1.5 cm |            |               |
| -- 130 -- |                   |         |            |      |                        |          |         | - 126 pyritized - burrow $\phi$ 1.0 cm |            |               |
| -- 140 -- |                   |         |            |      |                        |          |         |  |            |               |
| -- 150 -- |                   |         |            |      |                        |          |         |  |            |               |

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

| Drilling disturb. | Color      | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                                    | Logged by: | Date:    |
|-------------------|------------|------------|------|------------------------|----------|---------|---|------------|----------|
|                   |            | Avg.       | Max. |                        |          |         |   | ED         | 10/01/12 |
| -- 0 --           |            |            |      |                        |          |         |   |            |          |
| -- 10 --          | 10Y<br>S/1 |            |      |                        |          |         |   |            |          |
| -- 20 --          |            | clay       | f.s. |                        | 3<br>↓   |         | 22: shell<br>23: frags<br><u>NUD</u>        |            |          |
| -- 30 --          |            |            |      |                        |          |         | small black specks<br>all along the section |            |          |
| -- 40 --          |            |            |      |                        |          |         | many forams                                 |            |          |
| -- 50 --          |            |            |      |                        |          |         |   |            |          |
| -- 60 --          |            |            |      |                        |          |         |   |            |          |
| -- 70 --          |            |            |      |                        |          |         |   |            |          |
| -- 80 --          |            |            |      |                        |          |         |   |            |          |
| -- 90 --          |            |            |      |                        |          |         |   |            |          |
| -- 100 --         |            |            |      |                        |          |         |   |            |          |
| -- 110 --         |            |            |      |                        |          |         |   |            |          |
| -- 120 --         |            |            |      |                        |          |         |   |            |          |
| -- 130 --         |            |            |      |                        |          |         |   |            |          |
| -- 140 --         |            |            |      |                        |          |         |   |            |          |
| -- 150 --         |            |            |      |                        |          |         |   |            |          |

BISCUIT  
SLIGHTLY

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



|           | Drilling disturb. | Color   | Grain-size |      | Sed. struct. / contact | Bioturb. | Samples | Comments                                 | Logged by: | Date:    |
|-----------|-------------------|---------|------------|------|------------------------|----------|---------|--|------------|----------|
|           |                   |         | Avg.       | Max. |                        |          |         |  | ED         | 10/01/12 |
| -- 0 --   |                   | 10Y 5/1 | clay       | f.s. |                        | 3        |         | <u>NUD</u>                               |            |          |
| -- 10 --  |                   |         |            |      | biot. contact          | ↓        |         |  |            |          |
| -- 20 --  |                   | 10Y 4/1 |            |      |                        |          |         |  |            |          |
| -- 30 --  |                   |         | clay       | f.s. |                        |          |         | <u>SILTY NUD</u>                         |            |          |
| -- 40 --  |                   |         |            |      |                        |          |         | small black specks all along the section |            |          |
| -- 50 --  |                   |         |            |      |                        |          |         |  |            |          |
| -- 60 --  |                   |         |            |      |                        |          |         |  |            |          |
| -- 70 --  |                   |         |            |      |                        |          |         |  |            |          |
| -- 80 --  |                   |         |            |      |                        |          |         |  |            |          |
| -- 90 --  |                   |         |            |      |                        |          |         |  |            |          |
| -- 100 -- |                   |         |            |      |                        |          |         |  |            |          |
| -- 110 -- |                   |         |            |      |                        |          |         |  |            |          |
| -- 120 -- |                   |         |            |      |                        |          |         |  |            |          |
| -- 130 -- |                   |         |            |      |                        |          |         |  |            |          |
| -- 140 -- |                   |         |            |      |                        |          |         |  |            |          |
| -- 150 -- |                   |         |            |      |                        |          |         |  |            |          |

BISCUIT

↓  
clayier

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

|         | Drilling disturb. | Color      | Grain-size |       | Sed. struct. / contact | Bioturb. | Samples | Comments  | Logged by:<br>ED | Date:<br>10/01/12 |
|---------|-------------------|------------|------------|-------|------------------------|----------|---------|---|------------------|-------------------|
|         |                   |            | Avg.       | Max.  |                        |          |         |   |                  |                   |
| --0--   |                   |            |            |       |                        |          |         |   |                  |                   |
| --10--  |                   | 10Y<br>4/2 | clay       | f. s. | welled                 |          |         | -10-11: shell frags<br>few small black specks all along the section |                  |                   |
| --20--  |                   |            |            |       |                        |          |         | -21-24 color change   |                  |                   |
| --30--  | BISCUIT           | 10Y<br>5/2 | clay       | f. s. |                        |          |         |   |                  | lighter           |
| --40--  |                   |            |            |       |                        |          |         | -36: shell frags  |                  |                   |
| --50--  |                   |            |            |       |                        |          |         |   |                  |                   |
| --60--  |                   |            |            |       |                        |          |         |   |                  |                   |
| --70--  |                   |            |            |       |                        |          |         |   |                  |                   |
| --80--  |                   |            |            |       |                        |          |         |   |                  |                   |
| --90--  |                   |            |            |       |                        |          |         |   |                  |                   |
| --100-- |                   |            |            |       |                        |          |         |   |                  |                   |
| --110-- |                   |            |            |       |                        |          |         |   |                  |                   |
| --120-- |                   |            |            |       |                        |          |         |   |                  |                   |
| --130-- |                   |            |            |       |                        |          |         |   |                  |                   |
| --140-- |                   |            |            |       |                        |          |         |   |                  |                   |
| --150-- |                   |            |            |       |                        |          |         |   |                  |                   |



MAJOR LITHOLOGY:

MINOR LITHOLOGY: